

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071924\  
 Data File : PL090593.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2024 09:55  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 22:01:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.547  | 2.789  | 102.3E6  | 85192508 | 49.128   | 50.620    |
| 28)                         | SA Decachlor... | 9.062  | 7.934  | 66917117 | 71808747 | 50.357   | 49.248    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.003  | 3.293  | 144.1E6  | 126.1E6  | 48.558   | 52.188    |
| 3)                          | MA gamma-BHC... | 4.335  | 3.624  | 136.7E6  | 119.6E6  | 48.801   | 51.859    |
| 4)                          | MA Heptachlor   | 4.924  | 3.964  | 124.6E6  | 113.9E6  | 48.963   | 51.629    |
| 5)                          | MB Aldrin       | 5.266  | 4.245  | 129.7E6  | 117.3E6  | 51.900   | 55.114    |
| 6)                          | B beta-BHC      | 4.531  | 3.922  | 61399825 | 51748084 | 48.403   | 50.134    |
| 7)                          | B delta-BHC     | 4.779  | 4.152  | 130.3E6  | 118.6E6  | 48.590   | 53.929    |
| 8)                          | B Heptachlo...  | 5.692  | 4.748  | 123.7E6  | 99010855 | 52.623   | 50.765    |
| 9)                          | A Endosulfan I  | 6.077  | 5.118  | 108.2E6  | 90375660 | 50.569   | 49.419    |
| 10)                         | B gamma-Chl...  | 5.948  | 4.998  | 120.5E6  | 103.5E6  | 51.818   | 51.040    |
| 11)                         | B alpha-Chl...  | 6.027  | 5.061  | 115.0E6  | 102.8E6  | 50.107   | 50.885    |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.251  | 98627669 | 97206296 | 48.777   | 54.392    |
| 13)                         | MA Dieldrin     | 6.352  | 5.382  | 107.1E6  | 100.2E6  | 48.212   | 51.085    |
| 14)                         | MA Endrin       | 6.581  | 5.657  | 96700807 | 89139385 | 52.600   | 51.792    |
| 15)                         | B Endosulfa...  | 6.800  | 5.952  | 94008377 | 86681566 | 47.796   | 50.739    |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.805  | 86903015 | 77387981 | 51.477   | 51.652    |
| 17)                         | MA 4,4'-DDT     | 7.030  | 6.056  | 83529323 | 78666055 | 49.623   | 53.691    |
| 18)                         | B Endrin al...  | 6.931  | 6.131  | 71158314 | 66009140 | 47.963   | 50.522    |
| 19)                         | B Endosulfa...  | 7.165  | 6.354  | 84878057 | 82029733 | 48.330   | 50.871    |
| 20)                         | A Methoxychlor  | 7.505  | 6.631  | 42963327 | 42116266 | 48.661   | 52.089    |
| 21)                         | B Endrin ke...  | 7.650  | 6.859  | 94901790 | 89290280 | 49.713   | 48.859    |
| 22)                         | Mirex           | 8.123  | 7.042  | 71351511 | 74081103 | 50.381   | 49.833    |
| 23)                         | Chlordane-1     | 0.000  | 3.786  | 0        | 98772    | N.D.     | 1.595 #   |
| 24)                         | Chlordane-2     | 5.266f | 4.383  | 129.7E6  | 9307143  | 1266.867 | 122.718 # |
| 25)                         | Chlordane-3     | 5.948  | 4.998  | 120.5E6  | 103.5E6  | 363.927  | 500.678 # |
| 26)                         | Chlordane-4     | 6.027  | 5.061  | 115.0E6  | 102.8E6  | 288.802  | 525.399 # |
| 27)                         | Chlordane-5     | 0.000  | 5.754f | 0        | 264197   | N.D.     | 4.383 #   |
| -----                       |                 |        |        |          |          |          |           |

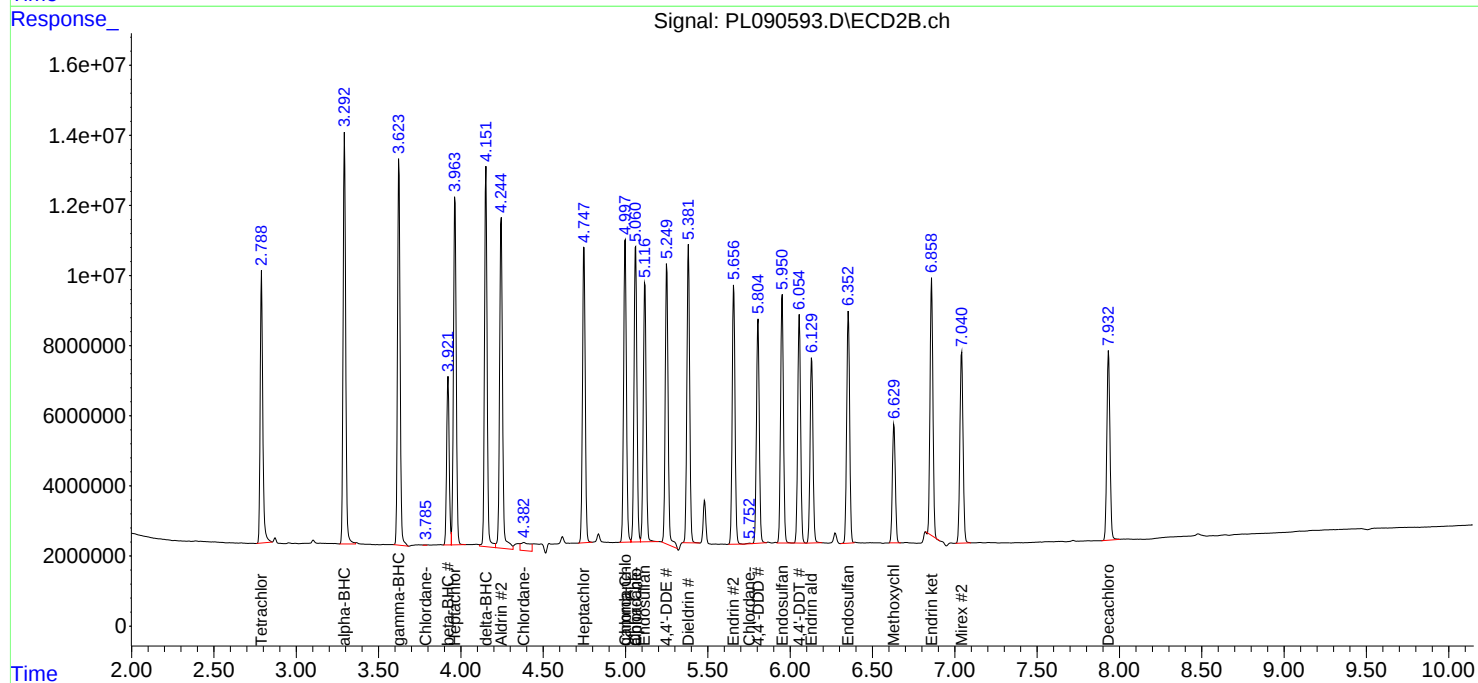
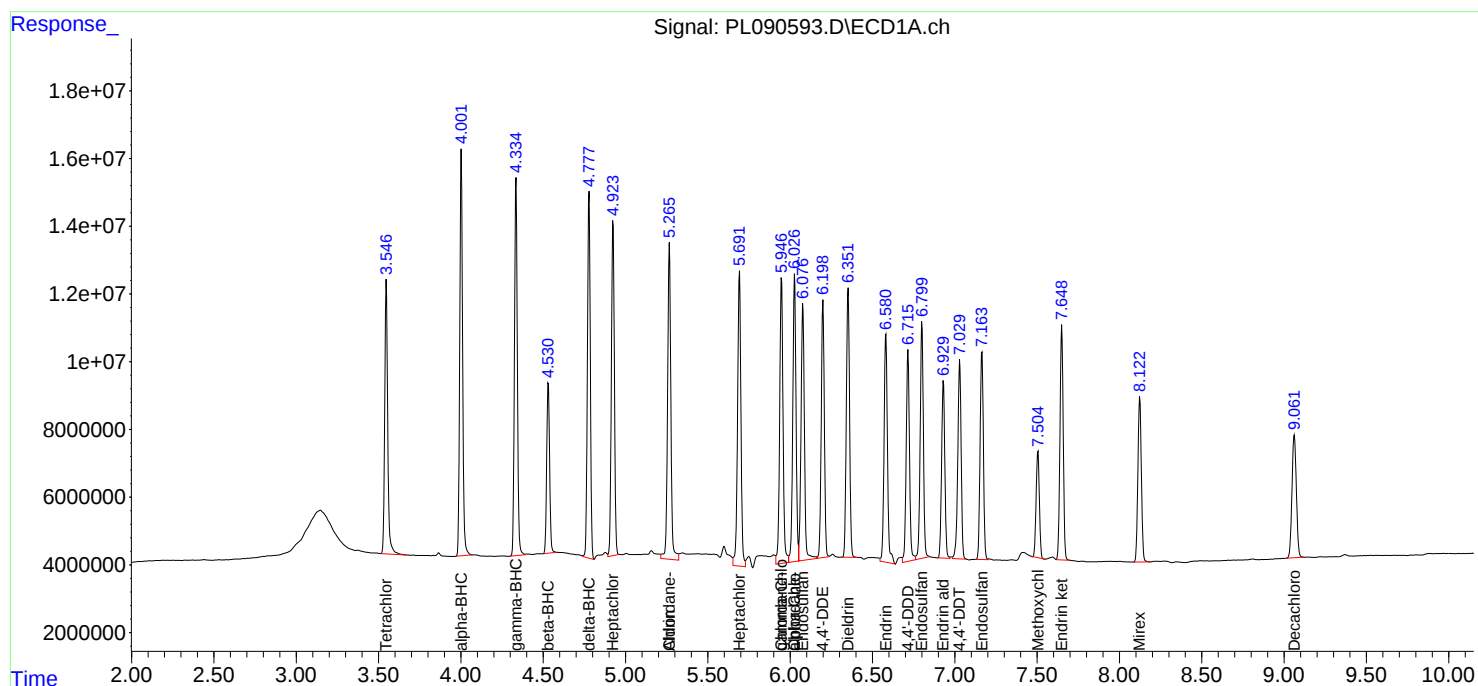
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

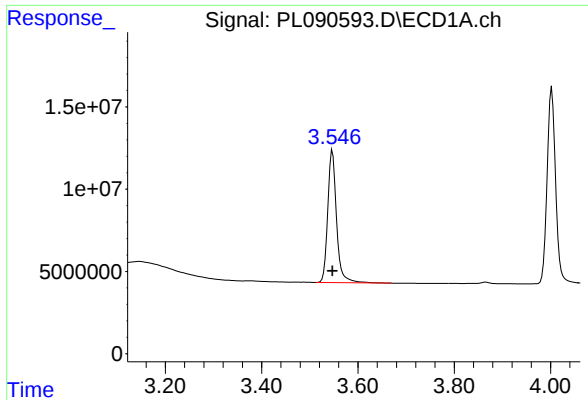
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071924\  
Data File : PL090593.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2024 09:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 22:01:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

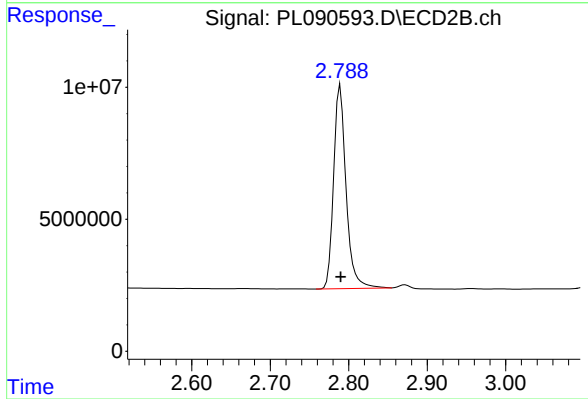




#1 Tetrachloro-m-xylene

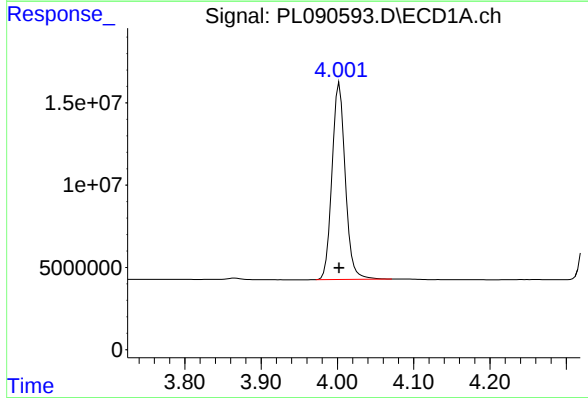
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 102293437  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



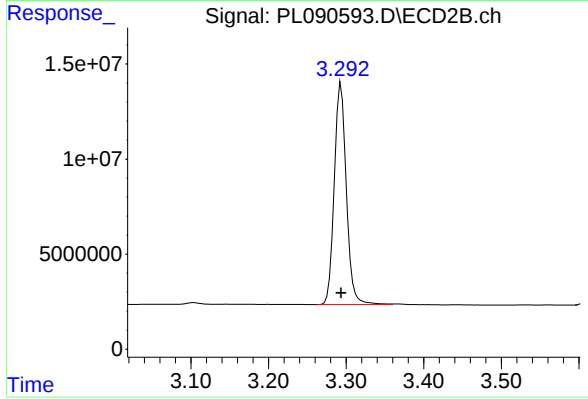
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: 0.000 min  
Response: 85192508  
Conc: 50.62 ng/ml



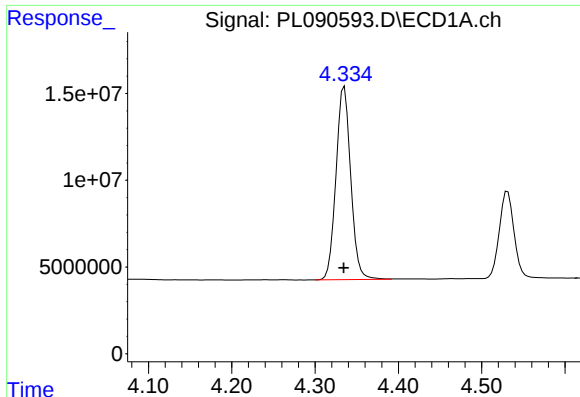
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 144088622  
Conc: 48.56 ng/ml



#2 alpha-BHC

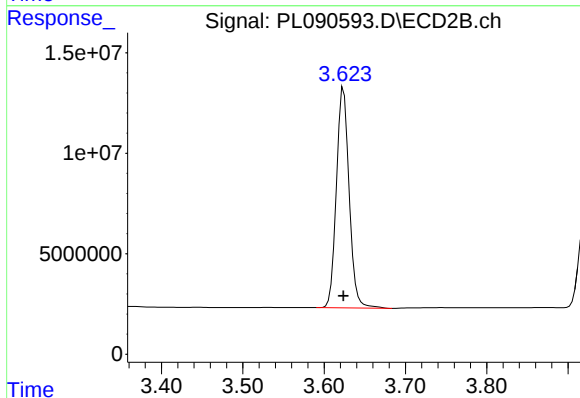
R.T.: 3.293 min  
Delta R.T.: 0.000 min  
Response: 126092614  
Conc: 52.19 ng/ml



#3 gamma-BHC (Lindane)

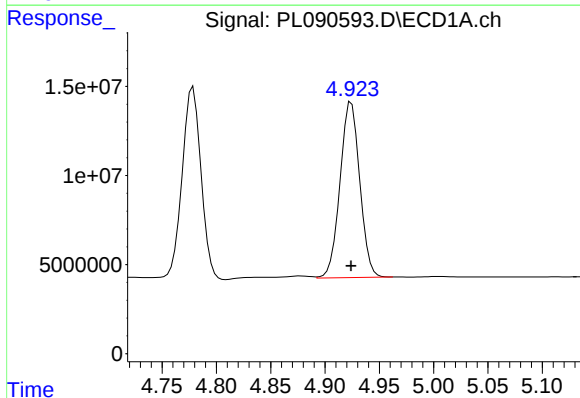
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 136665240  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



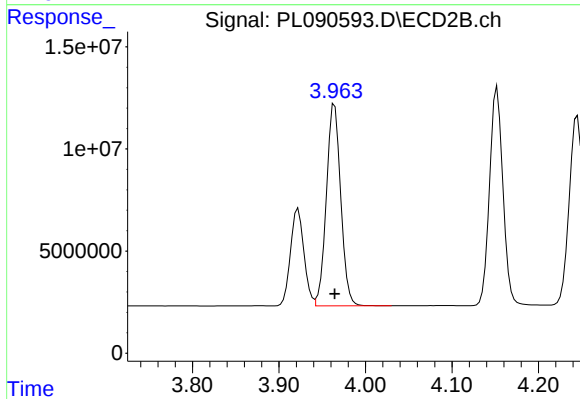
#3 gamma-BHC (Lindane)

R.T.: 3.624 min  
Delta R.T.: 0.000 min  
Response: 119584536  
Conc: 51.86 ng/ml



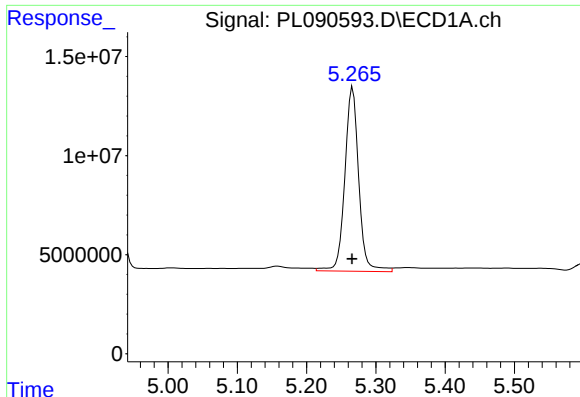
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 124613447  
Conc: 48.96 ng/ml



#4 Heptachlor

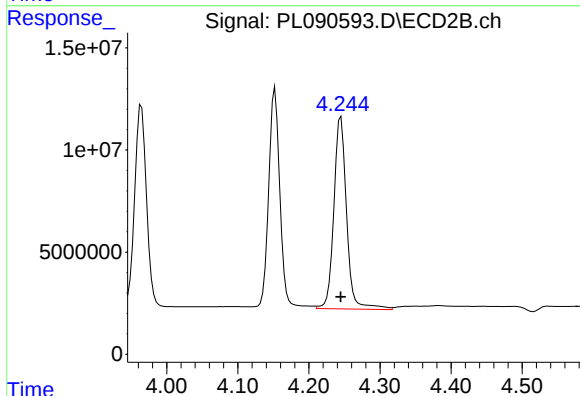
R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 113897003  
Conc: 51.63 ng/ml



#5 Aldrin

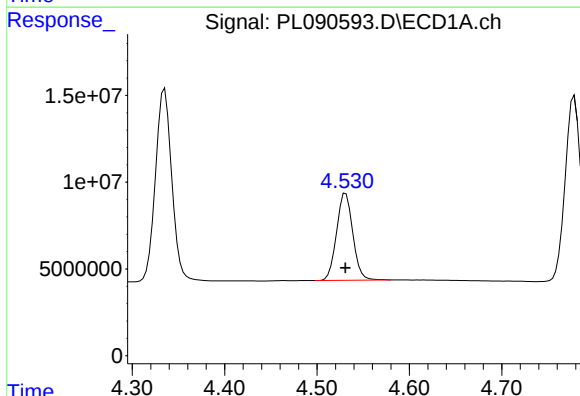
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 129667835  
Conc: 51.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



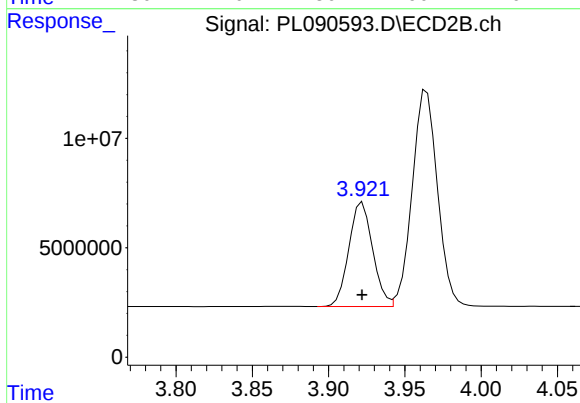
#5 Aldrin

R.T.: 4.245 min  
Delta R.T.: 0.000 min  
Response: 117253665  
Conc: 55.11 ng/ml



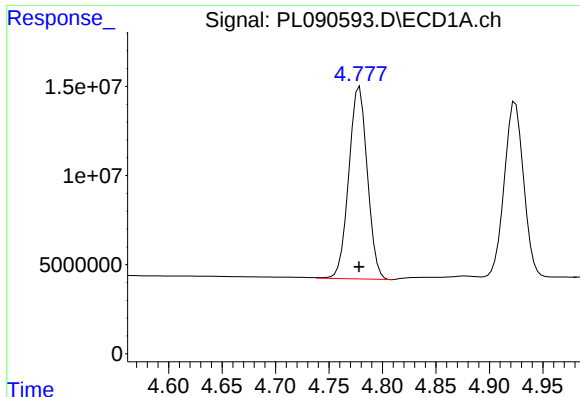
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 61399825  
Conc: 48.40 ng/ml



#6 beta-BHC

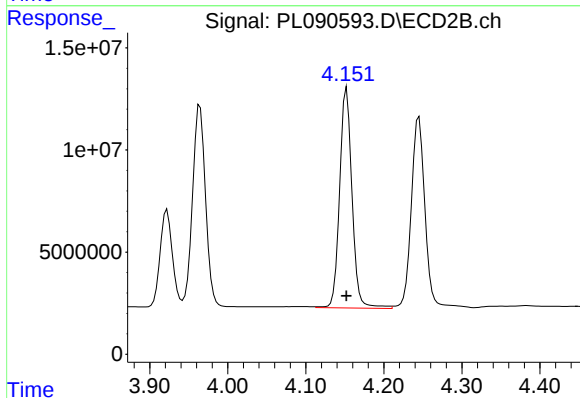
R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 51748084  
Conc: 50.13 ng/ml



#7 delta-BHC

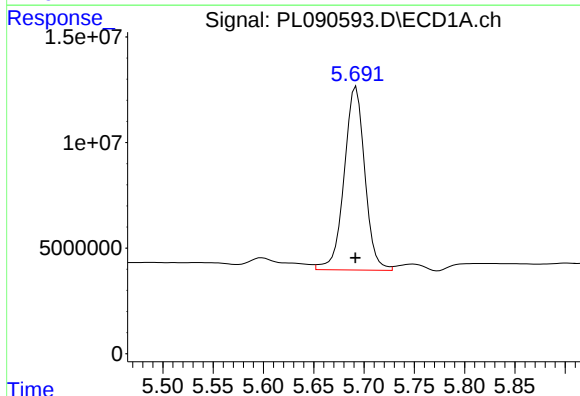
R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 130271641  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



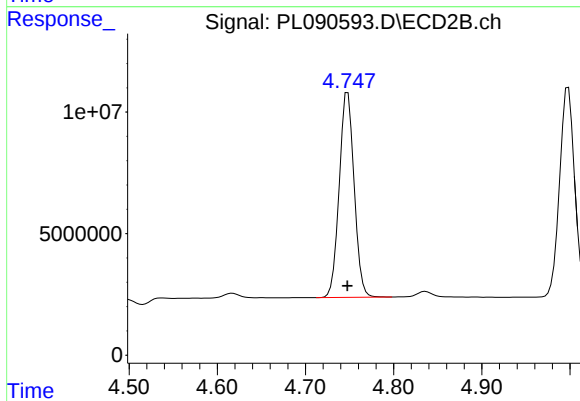
#7 delta-BHC

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 118629131  
Conc: 53.93 ng/ml



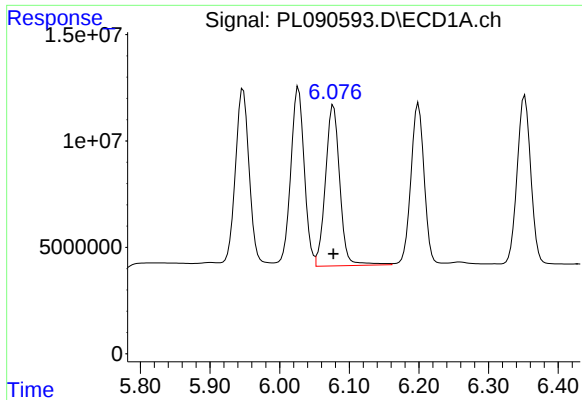
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 123683896  
Conc: 52.62 ng/ml



#8 Heptachlor epoxide

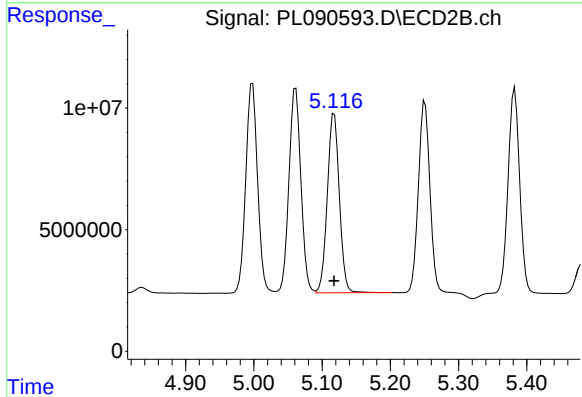
R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 99010855  
Conc: 50.76 ng/ml



#9 Endosulfan I

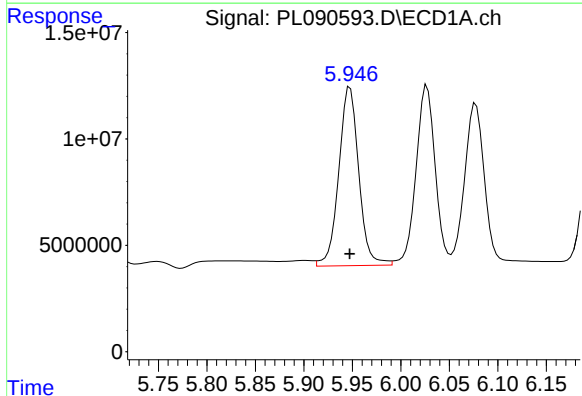
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 108152213  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



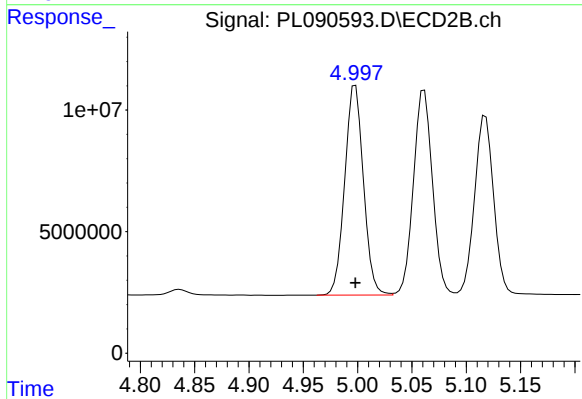
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 90375660  
Conc: 49.42 ng/ml



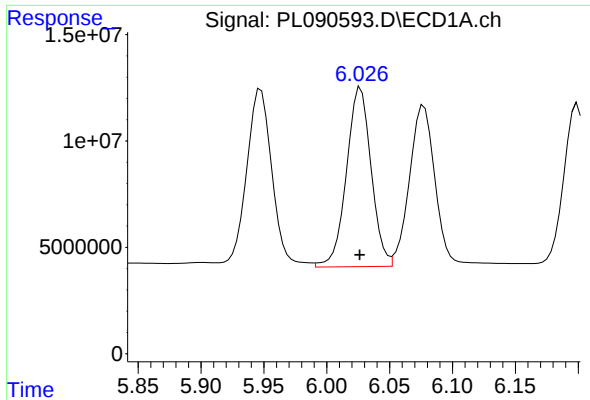
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 120479349  
Conc: 51.82 ng/ml



#10 gamma-Chlordane

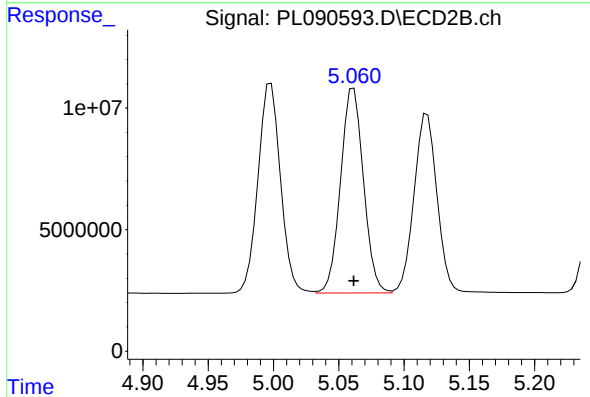
R.T.: 4.998 min  
Delta R.T.: 0.000 min  
Response: 103480076  
Conc: 51.04 ng/ml



#11 alpha-Chlordane

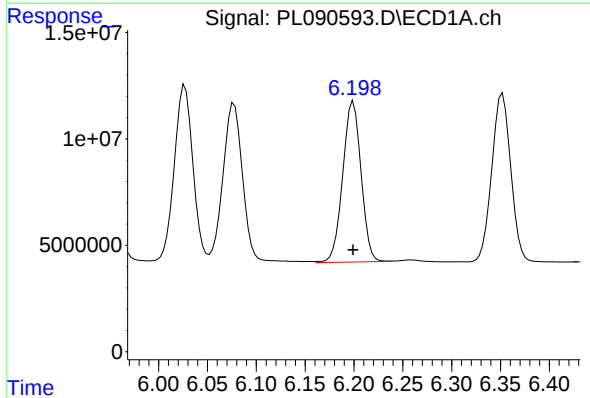
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 115032197  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



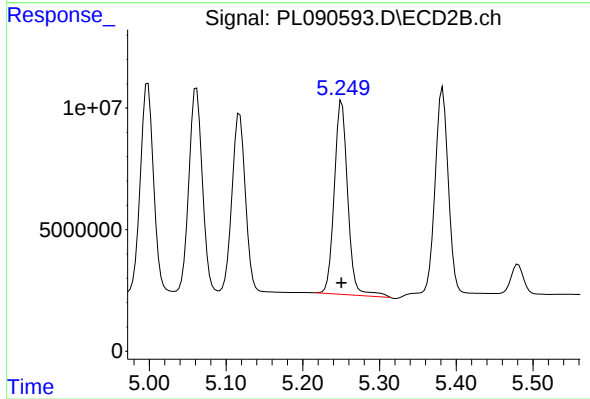
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: 0.000 min  
Response: 102819447  
Conc: 50.89 ng/ml



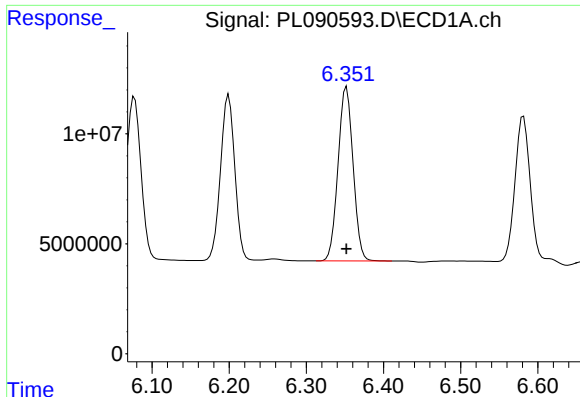
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 98627669  
Conc: 48.78 ng/ml



#12 4,4'-DDE

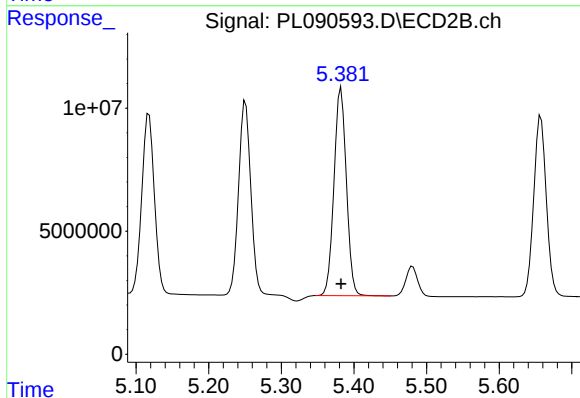
R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 97206296  
Conc: 54.39 ng/ml



#13 Dieldrin

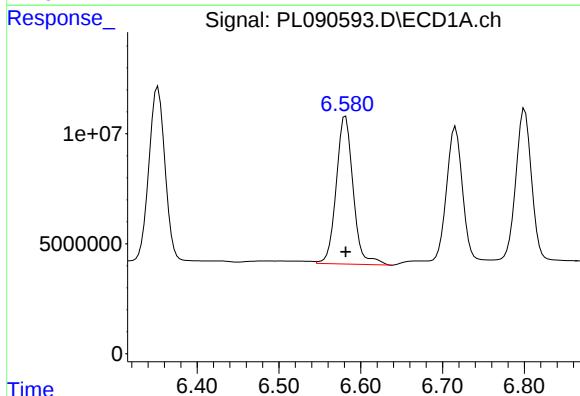
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 107117052  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



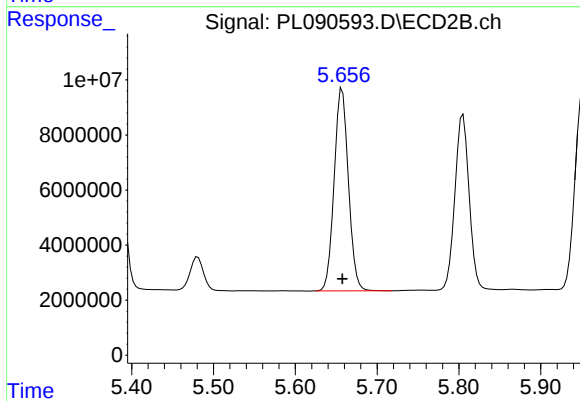
#13 Dieldrin

R.T.: 5.382 min  
Delta R.T.: 0.000 min  
Response: 100173914  
Conc: 51.09 ng/ml



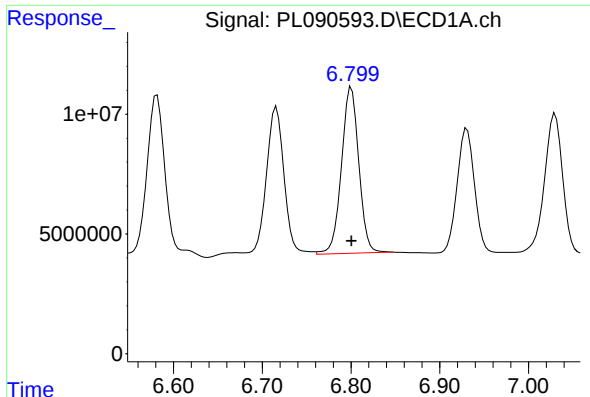
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: 0.000 min  
Response: 96700807  
Conc: 52.60 ng/ml



#14 Endrin

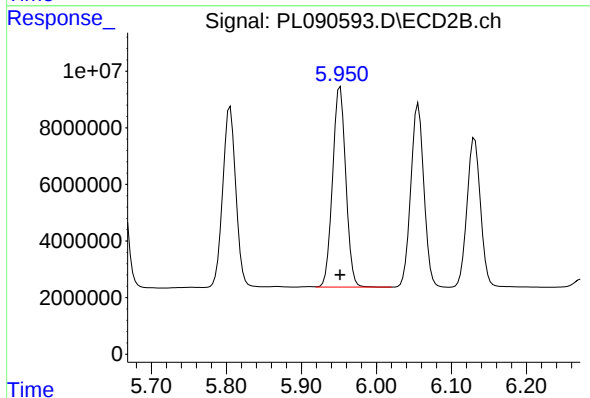
R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 89139385  
Conc: 51.79 ng/ml



#15 Endosulfan II

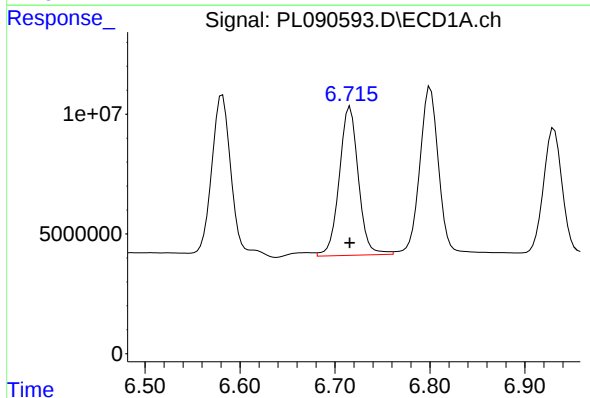
R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 94008377  
Conc: 47.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



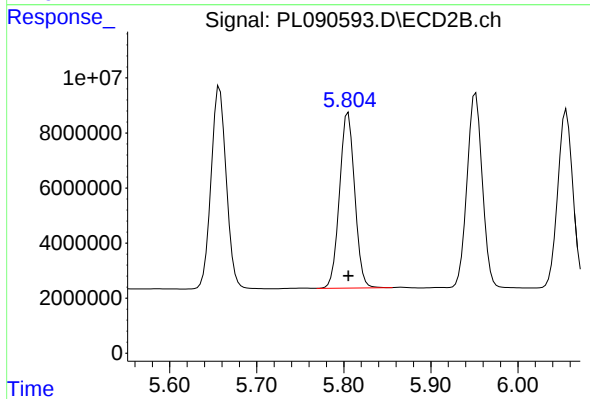
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 86681566  
Conc: 50.74 ng/ml



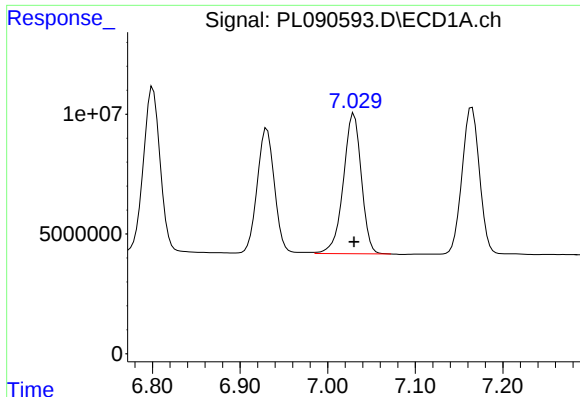
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 86903015  
Conc: 51.48 ng/ml



#16 4,4'-DDD

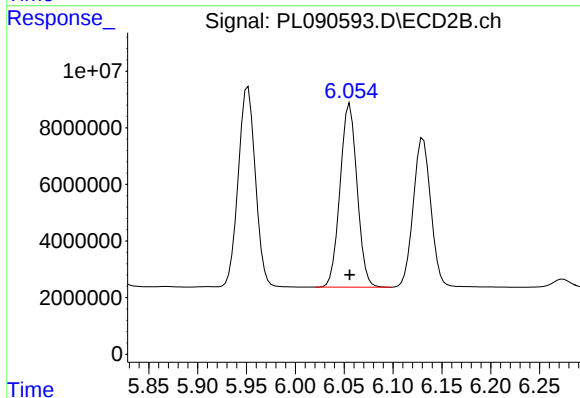
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 77387981  
Conc: 51.65 ng/ml



#17 4,4'-DDT

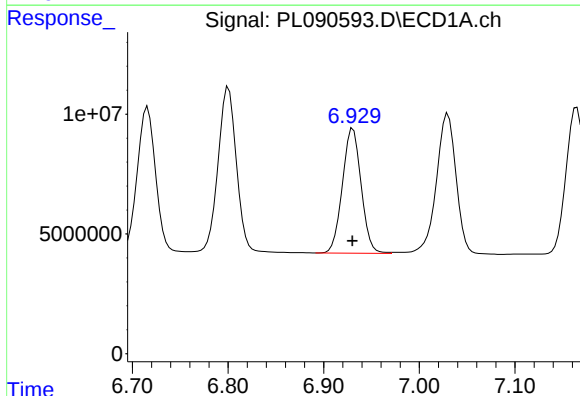
R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 83529323  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



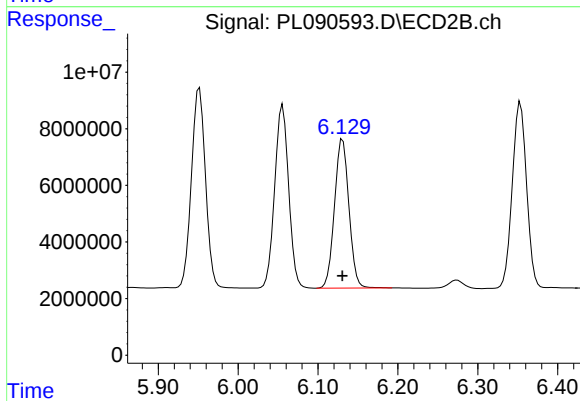
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 78666055  
Conc: 53.69 ng/ml



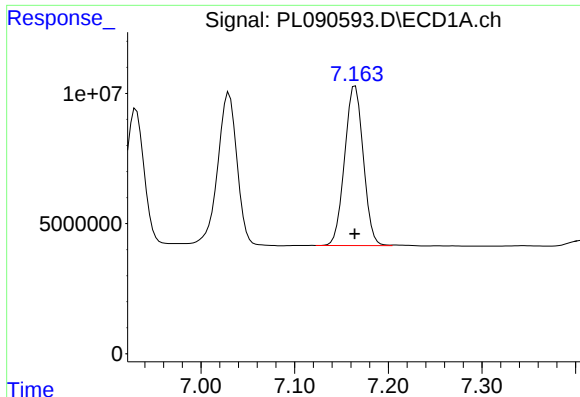
#18 Endrin aldehyde

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 71158314  
Conc: 47.96 ng/ml



#18 Endrin aldehyde

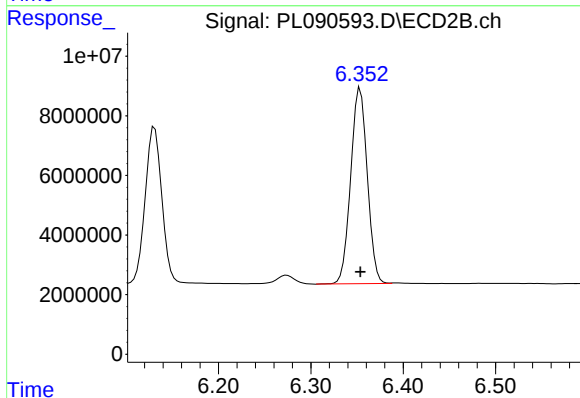
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 66009140  
Conc: 50.52 ng/ml



#19 Endosulfan Sulfate

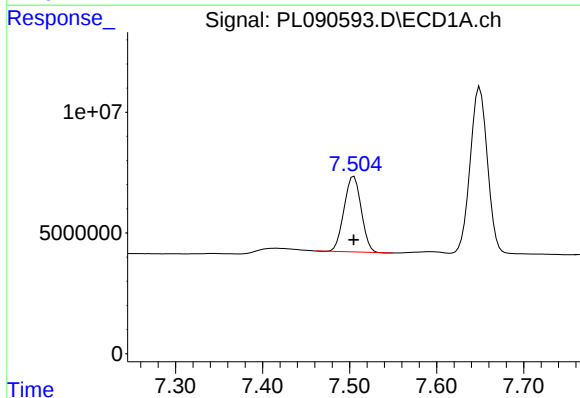
R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 84878057  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



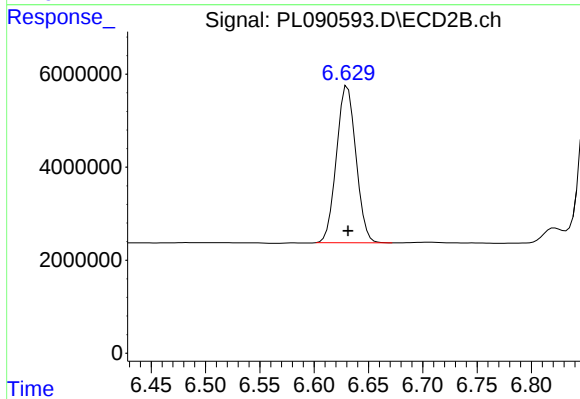
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 82029733  
Conc: 50.87 ng/ml



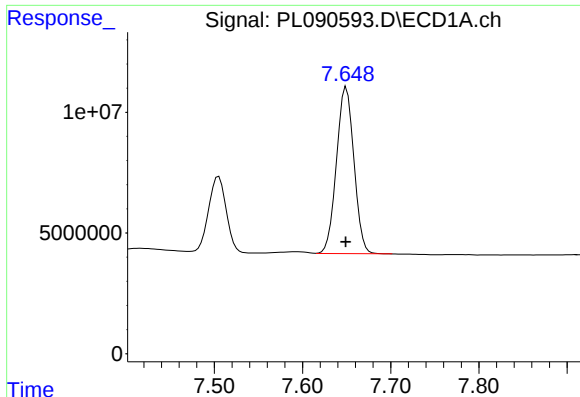
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 42963327  
Conc: 48.66 ng/ml



#20 Methoxychlor

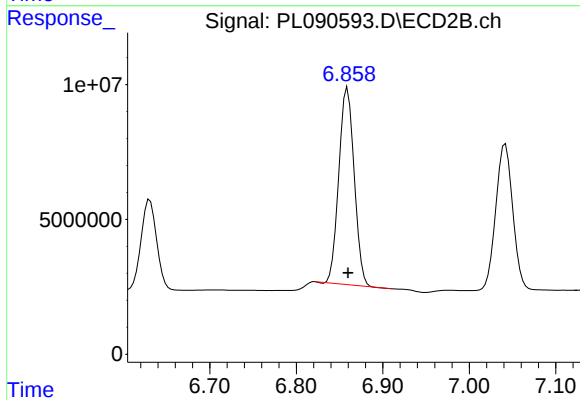
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 42116266  
Conc: 52.09 ng/ml



#21 Endrin ketone

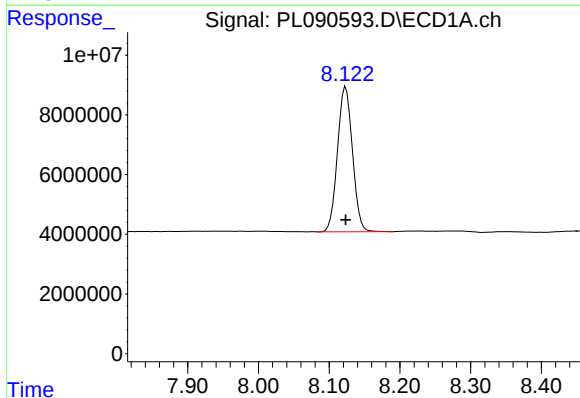
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 94901790  
Conc: 49.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



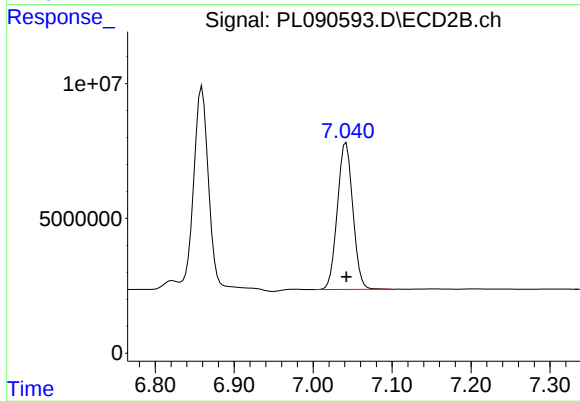
#21 Endrin ketone

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 89290280  
Conc: 48.86 ng/ml



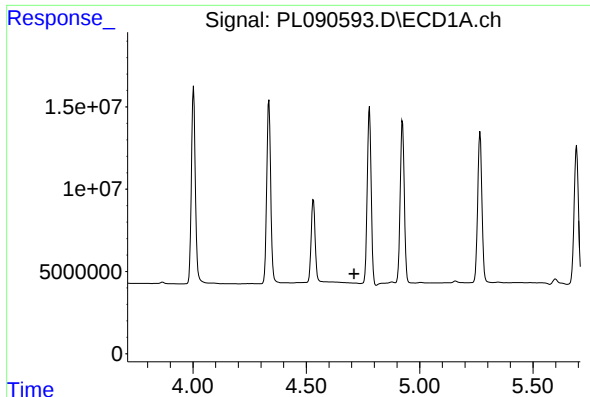
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.000 min  
Response: 71351511  
Conc: 50.38 ng/ml



#22 Mirex

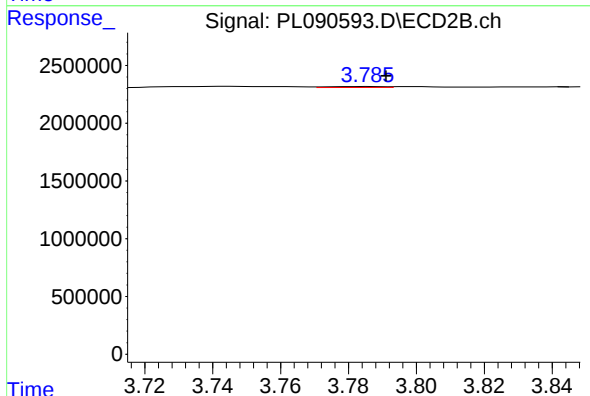
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 74081103  
Conc: 49.83 ng/ml



#23 Chlordane-1

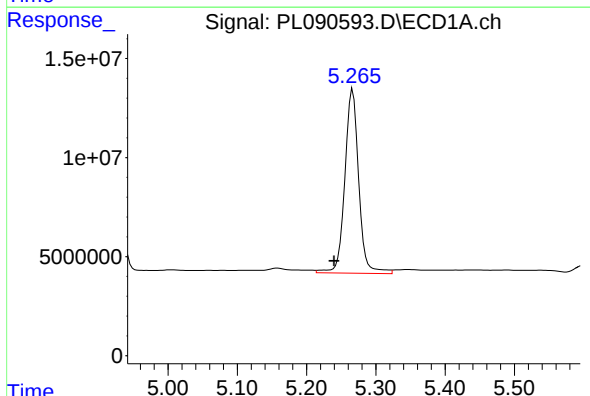
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



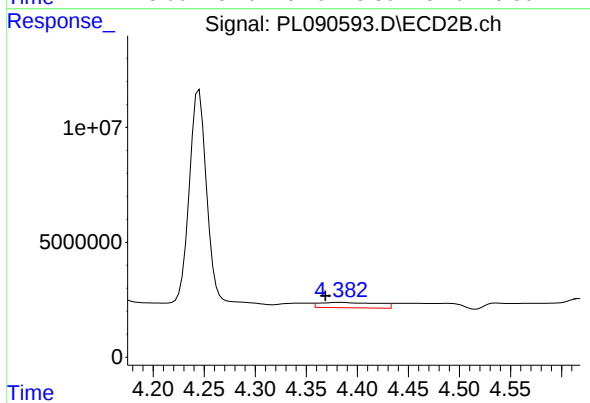
#23 Chlordane-1

R.T.: 3.786 min  
Delta R.T.: -0.005 min  
Response: 98772  
Conc: 1.60 ng/ml



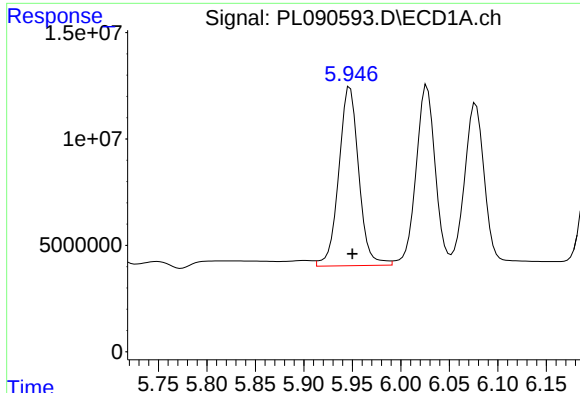
#24 Chlordane-2

R.T.: 5.266 min  
Delta R.T.: 0.027 min  
Response: 129667835  
Conc: 1266.87 ng/ml



#24 Chlordane-2

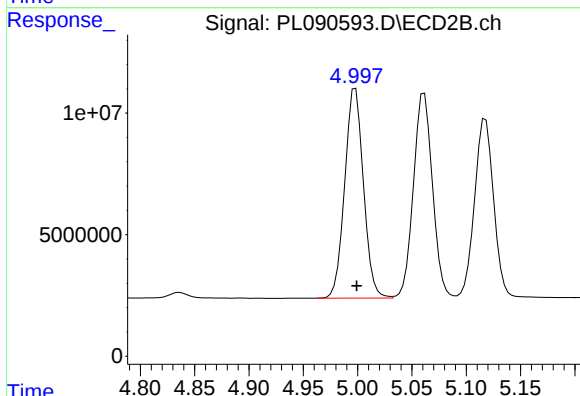
R.T.: 4.383 min  
Delta R.T.: 0.014 min  
Response: 9307143  
Conc: 122.72 ng/ml



#25 Chlordane-3

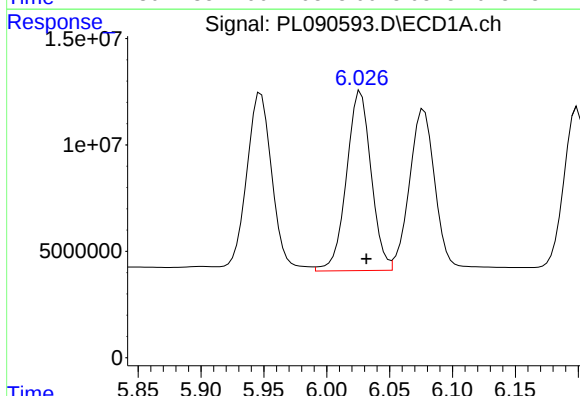
R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 120479349  
Conc: 363.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



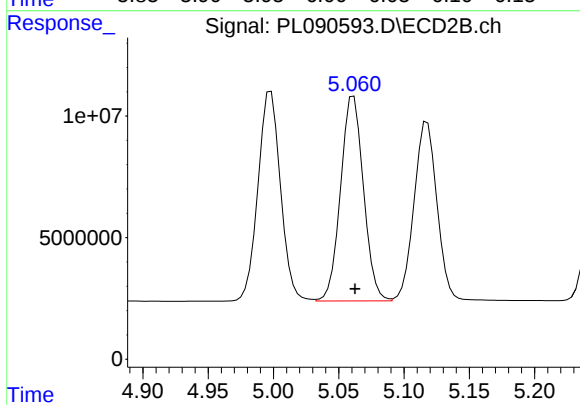
#25 Chlordane-3

R.T.: 4.998 min  
Delta R.T.: -0.001 min  
Response: 103480076  
Conc: 500.68 ng/ml



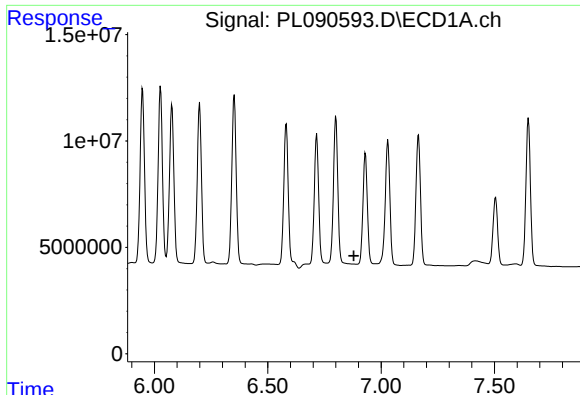
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: -0.005 min  
Response: 115032197  
Conc: 288.80 ng/ml



#26 Chlordane-4

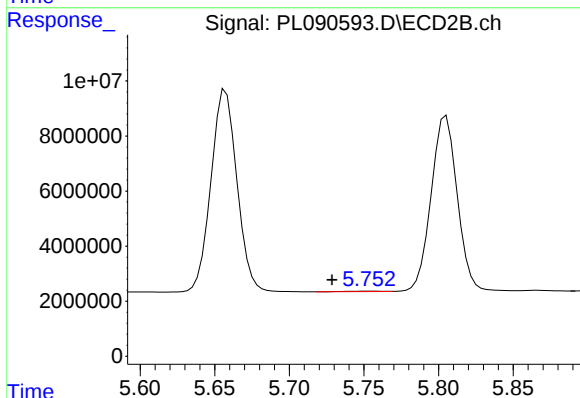
R.T.: 5.061 min  
Delta R.T.: -0.001 min  
Response: 102819447  
Conc: 525.40 ng/ml



#27 Chlordane-5

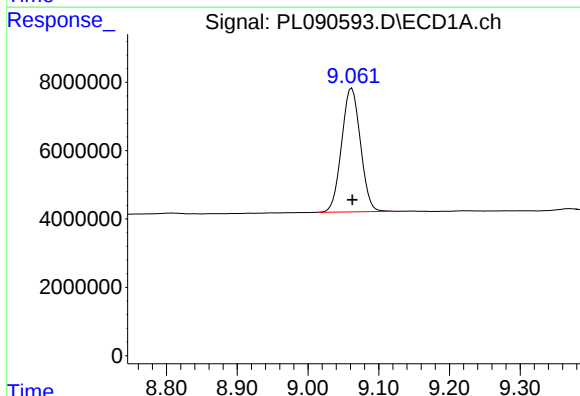
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



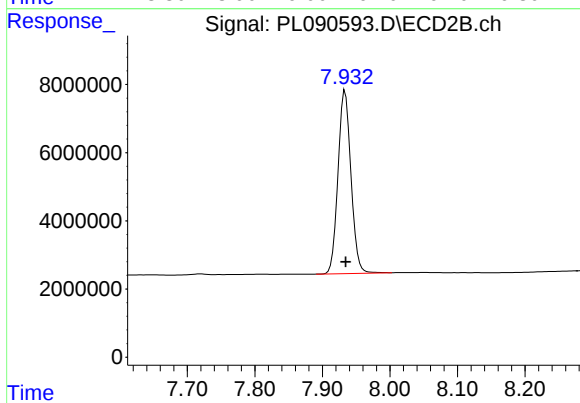
#27 Chlordane-5

R.T.: 5.754 min  
Delta R.T.: 0.025 min  
Response: 264197  
Conc: 4.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.000 min  
Response: 66917117  
Conc: 50.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: -0.001 min  
Response: 71808747  
Conc: 49.25 ng/ml